

Flood Control Project Maintenance Levee Inspections

Levee Log Report By Levee Mile - Updated 8/23/2021

Sutter Maintenance Yard Hamilton Bend

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Feather River Hamilton Bend	Right	3.39	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits
13	0.00	1.22	Revetment	Rock	Crown	Proposed surface and maintenance of levee top with well-graded gravel road to use as a haul road along the right bank levee Feather River between the Sutter Butte Canal Company Headgates and Vance Avenue. Entry Last Updated : 7/3/2020	USGSQUAD_EGIS 5386
5	0.00	0.00	Mark	Boundary	Crown	Entry Last Updated : 7/3/2020	H_LL_GENERAL
147	0.00	0.00	At Grade	Road / Highway	Land Side	Vance Avenue Entry Last Updated : 7/3/2020	USACEINSPECT
148	0.01	0.01	Ramp	Ramp	Water Side	Access ramp down with rutting depression at toe. Entry Last Updated : 7/3/2020	USACEINSPECT
174	0.04	0.04	Miscellaneous	Pits	Water Side	Pit within 15 feet of WS toe Entry Last Updated : 7/3/2020	LEVEELOG
149	0.28	0.28	Structure	Sign	Land Side	"Right to pass by permission subject to control of owner section 1008 CA civil code" sign w Wulfert LS 4342 monument marker at toe. Entry Last Updated : 1/9/2020	USACEINSPECT
176	0.48	0.48	Ramp	Ramp	Water Side	WS access ramp Entry Last Updated : 7/3/2020	LEVEELOG
8	0.54	0.54	UCIP	Pipe		DS_ID:17049 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through the levee at an unknown depth below the crown. Concrete saddle and apron present. [Additional Reference(s): USACE Sacramento O&M Manual, Unit Number 152, March 1957, Revised 29 Dec 2016, (Station 20+20)] Entry Last Updated : 4/17/2021	UCIPAPR2021
158	0.63	0.63	Ramp	Ramp	Water Side	WS access ramp Entry Last Updated : 7/3/2020	USACEINSPECT
177	0.68	0.68	Structure	Sign	Water Side	Wildlife area boundry marker on WS overbuilt crown Entry Last Updated : 7/3/2020	LEVEELOG
159	0.73	0.73	Ramp	Ramp	Water Side	WS access ramp Entry Last Updated : 7/3/2020	USACEINSPECT

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	Start	End					Permits

51	0.78	0.92	Revetment	Cobble	Water Side	Waterward slope cobble revetment. Entry Last Updated : 12/22/2017	H_LL_GENERAL
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9	0.80	0.80	UCIP	Pipe		DS_ID:17047 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: *REMOVED* 10-inch steel irrigation pipe through the levee, 10.4 feet below the crown. Pole located on the waterside (WS). Crossing was removed in 2015 as part of the Feather River West Levee Improvements Project. (no permit found for pipe, power pole for irrigation pump was installed under Permit No. 927, 1943 - Pacific Gas and Electric Company [PG&E]) [Additional Reference(s): DWR Levee Log, 2005 (HLM 0.80, listed as 10-inch pipe). Sutter Butte Flood Control Agency (SBFCA) Feather River West Levee Improvement Project, Volume 4 of 6 (Project D), Feather River West Levee Improvement Plans, STA 1765+00 to 2368+26, SBFCA Station 2345+79, Drawing No. C-502, Sheet 202] Entry Last Updated : 4/17/2021	UCIPAPR2021
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178	0.81	0.81	Structure	Boat Ramp	Water Side	Boat ramp 15 feet from WS toe. Entry Last Updated : 1/9/2020	LEVEELOG
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36	0.86	0.86	Structure	Pole - Utility	Land Side	Power pole on landward slope. Entry Last Updated : 12/22/2017	H_LL_GENERAL
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162	0.92	0.92	Structure	Gauge	Water Side	Old river stage gauge near toe. Entry Last Updated : 1/9/2020	USACEINSPECT
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69	0.94	0.94	Ramp	Ramp	Water Side	Ramp on waterward slope. Entry Last Updated : 12/22/2017	H_LL_GENERAL
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112	1.04	1.04	UCIP	Pipe	Crossing	DS_ID:17050 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 24-inch corrugated metal pipe with concrete saddle and apron. [Additional Reference(s): USACE Sacramento O&M Manual 152, March 1957, Revised 29 Dec 2016, (Station 40+75)] Entry Last Updated : 4/17/2021	UCIPAPR2021
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	Start	End					Permits

76	1.05	1.05	UCIP	Culvert	Crossing	DS_ID:17046 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: *ABANDONED/REMOVED per LEVEE IMPROVEMENT PROJECT* [Sutter Butte Canal Headgate Structure] Six 72-inch by 96-inch (6-foot by 8- foot) concrete culverts 35.8 feet below the crown. Stems on gates are removed and gates are in a closed position. Structure was buried properly under the Feather River West Levee Improvement Project in 2015. [Additional Reference(s): DWR Levee Log, 2005 (HLM 1.05). USACE Sacramento O&M Manual, Unit 152 and 160, March 1957 (Station 47+00). Sutter Butte Flood Control Agency (SBFCA) Feather River West Levee Improvement Project, Volume 4 of 6 (Project D), Feather River West Levee Improvement Plans, STA 1765+00 to 2368+26, SBFCA Station 2358+85, Drawing No. G-203, Sheet 45] Entry Last Updated : 4/17/2021	UCIPAPR2021
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2	1.07	1.07	Ramp	Ramp	Water Side	Ramp on both slopes. Entry Last Updated : 7/3/2020	LEVEELOG
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73	1.07	1.07	Ramp	Ramp	Land Side	Ramp on both slopes. Entry Last Updated : 12/22/2017	GEILEVEELOG
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10	1.18	1.18	UCIP	Pipe	DS_ID:17045 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: *REMOVED* 24-inch corrugated metal drainage pipe through the levee, 16.5 feet below the crown. Slide gate in corrugated metal pipe (CMP) riser on the waterside (WS) slope. No features of structure were found with the exception of slide gate frame. Crossing was removed under the Feather River West Levee Improvement Project in 2015. [Additional Reference(s): DWR Levee Log, 2005 (HLM 1.15, listed as 24-inch pipe). Sutter Butte Flood Control Agency (SBFCA) Feather River West Levee Improvement Project, Volume 4 of 6 (Project D), Feather River West Levee Improvement Plans, STA 1765+00 to 2368+26, SBFCA Station 2365+66, Drawing No. C-203, Sheet 203] Entry Last Updated : 4/17/2021	UCIPAPR2021
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82	1.18	1.18	Ramp	Ramp	Water Side	WS access ramp Entry Last Updated : 7/3/2020	USACEPI
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102	1.22	1.22	Mark	Boundary	Crown	End of inspection. The remainder of this area was deleted from the Flood Control Project March 1990 (Reclamation Board). Entry Last Updated : 12/22/2017	GEILEVEELOG
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Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
171	1.22	1.22	Fence	Chain Link	Crown	7' high chainlike security fence WS crown. End of HAM1 at Thermalito outfall; security fence at top of WS. Entry Last Updated : 7/3/2020	USACEINSPECT		
66	1.26	1.26	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. Entry Last Updated : 12/22/2017	GEILEVEELOG		
4	1.26	1.26	Fence	Chain Link	Water Side and Land Side	Chain-link fence and gate. Entry Last Updated : 7/3/2020	LEVEELOG		
104	1.26	1.26	Gate	Chain Link	Crown	Chain-link fence and gate. Entry Last Updated : 12/22/2017	H_LL_GENERAL		
3	1.27	1.34	At Grade	Road / Highway	Crown	Entry Last Updated : 7/3/2020	LEVEELOG		
101	1.29	1.31	Structure	Weir	Water Side	Thermalito After-bay Outlet Channel. No crossing provided. For access to the east side channel, go back to Vance Avenue for 0.54 miles to Larkin Road, then right on Larkin Road to Thermalito After bay Channel. Continue past the channel 0.20 mile, turn right onto access ramp (6x6 sign "Oroville Wildlife Area" center of sign = 1.51). Entry Last Updated : 12/22/2017	GEILEVEELOG 5041		
6	1.34	1.35	Fence	Chain Link	Water Side and Land Side	Entry Last Updated : 7/3/2020	LEVEELOG		
7	1.35	1.35	Gate	Chain Link	Crown	Entry Last Updated : 7/3/2020	LEVEELOG		
116	1.66	1.66	Non-Project Levee	Spur	Land Side to Water Side	Wing levee on the waterward slope. This area was deleted from the Flood Control Project March 1990. Entry Last Updated : 7/3/2020	H_LL_GENERAL		
119	1.79	1.79	Mark	Marker	Water Side	DER benchmark on the waterward shoulder. This area was deleted from the Flood Control Project March 1990. Entry Last Updated : 7/3/2020	H_LL_GENERAL		
118	1.82	1.82	Ramp	Ramp	Water Side	Ramp on waterward slope to wing levee. This area was deleted from the Flood Control Project March 1990. Entry Last Updated : 7/3/2020	H_LL_GENERAL		
125	2.95	2.95	Ramp	Ramp	Water Side	Ramp on waterward slope. This area was deleted from the Flood Control Project March 1990. Entry Last Updated : 7/3/2020	H_LL_GENERAL		

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	Start	End					Permits

126	3.23	3.23	Ramp	Ramp	Water Side	Two ramps on waterward slope. This area was deleted from the Flood Control Project March 1990. Entry Last Updated : 7/3/2020	H_LL_GENERAL
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132	3.25	3.25	UCIP	Pipe	Crossing	DS_ID:17044 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: [Western Canal Head Gate Inlet Structure] 1 of 2: 96-inch by 96-inch (8-foot by 8-foot) reinforced concrete culverts through the levee 25 feet below the crown. Three slide gates on the waterside (WS) end. Concrete stairs on the WS slope. Concrete headwall at both WS and landside (LS) toes. [Additional Reference(s): DWR Levee Log, 2005 (HLM 3.16, listed as abandoned western canal head gate inlet structure, two 8-foot by 8-foot concrete culverts). USACE Sacramento O&M Manual 152, March 1957 (Station 170+00)] Entry Last Updated : 4/17/2021	UCIPAPR2021
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131	3.25	3.25	UCIP	Pipe	Crossing	DS_ID:17056 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: [Western Canal Head Gate Inlet Structure] 2 of 2: 72-inch by 96-inch (8-foot by 8-foot) reinforced concrete culvert through the levee 25 feet below the crown. Three slide gates on the waterside (WS) end. Concrete stairs on the WS slope. Concrete headwall at both WS and landside (LS) toes. [Additional Reference(s): DWR Levee Log, 2005 (HLM 3.16, listed as abandoned western canal head gate inlet structure, two 8-foot by 8-foot concrete culverts). USACE Sacramento O&M Manual 152, March 1957 (Station 170+00)] Entry Last Updated : 4/17/2021	UCIPAPR2021
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1	3.26	3.26	Mark	Boundary	Crown	Entry Last Updated : 1/9/2020	LEVEELOG
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